

Piston Core 1P-1 collected at the first coring site of Arctic cruise HLY1002 of the USCGS Healy

[identificationInfo](#)
[contentInfo](#)
[distributionInfo](#)
[dataQualityInfo](#)
[acquisitionInformation](#)

(MI_Metadata)

fileIdentifier: HLY1002-1P-1

language: eng; USA

hierarchyLevel: (MD_ScopeCode) sample

hierarchyLevelName: Marine Geosample Metadata

hierarchyLevelName: core

contact: *title: Anna Milan xlink:*

<https://www.ngdc.noaa.gov/docucomp/8294BEE08AD7359FE040AC8C5AB460D1>

dateStamp: 2012-12-04

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identificationInfo: (MD_DataIdentification)

citation: (CI_Citation)

title: Piston Core 1P-1 collected at the first coring site of Arctic cruise HLY1002 of the USCGS Healy

date: (CI_Date)

date: 2010-08-12

dateType: (CI_DateTypeCode) creation

identifier: (MD_Identifier)

authority: (CI_Citation)

title: System for Earth Sample Registration (SESAR)

date: (CI_Date)

date: 2007-01-01

dateType: (CI_DateTypeCode) creation

citedResponsibleParty: (CI_ResponsibleParty)

individualName: Kerstin Lenhert

role: (CI_RoleCode) originator

citedResponsibleParty: (CI_ResponsibleParty)

organisationName: *inapplicable*

contactInfo: (CI_Contact)

onlineResource: (CI_OnlineResource)

linkage: <http://www.geosamples.org>

name: SESAR, the System for Earth Sample Registration

description: SESAR is a centralized registry that provides and administers unique identifiers for Geoscience samples - the International Geo Sample Number (IGSN).

function: (CI_OnLineFunctionCode) information

role: (CI_RoleCode) publisher

code: ECS003001

identifier: (MD_Identifier)

authority: (CI_Citation)

title: Index to Marine and Lacustrine Geological Samples

date: (CI_Date)

date: 1977-10-01

dateType: (CI_DateTypeCode) creation

citedResponsibleParty: (CI_ResponsibleParty)

individualName: Carla Moore

organisationName: NGDC Marine Geology and Geophysics Division

contactInfo: (CI_Contact)

address: (CI_Address)

deliveryPoint: NOAA/NGDC E/GC3 325 Broadway

city: Boulder

administrativeArea: CO

postalCode: 80305

country: USA

electronicMailAddress: geology.info@noaa.gov

role: (CI_RoleCode) custodian

citedResponsibleParty: (CI_ResponsibleParty)

organisationName: World Data Service for Geophysics

role: (CI_RoleCode) publisher

citedResponsibleParty: (CI_ResponsibleParty)

organisationName: *inapplicable*

contactInfo: (CI_Contact)

onlineResource: (CI_OnlineResource)

linkage: <http://www.ngdc.noaa.gov/mgg/curator>

name: Index to Marine and Lacustrine Geological Samples

description: The IMLGS is an international database indexing the geological sample collections of partner institutions, maintained by NGDC and the WDS for Geophysics. A Curators Consortium, composed of Curators from the participating repositories, provides oversight for the IMLGS via biennial meetings, a group website and list server.

function: (CI_OnLineFunctionCode) information

role: (CI_RoleCode) publisher

code: HLY1002-1P-1

abstract: Piston core (2400 lb weightstand), 4 sections. Subsamples: core catcher, core cutter, scrape of external pipe for microfauna, microfauna surface sample. Site info: L977AR Ln725. Pull out: 2550. Time: 3:15:30 Piercement structure/mound. Very similar to 1GB-1 [Poorly sorted subangular silt with dominant background clay that resembles glacial flour. Some silt-sized brown angular fragments (may be organic). Rare, poorly preserved sponge spicules] but with seemingly coarser clastic grains. Barren of diatoms.

pointOfContact: (CI_ResponsibleParty)

individualName: Brian Edwards

organisationName: USGS Pacific Coastal and Marine Science Center

positionName: Collecting Scientist

contactInfo: (CI_Contact)

address: (CI_Address)

electronicMailAddress: bedwards@usgs.gov

role: (CI_RoleCode) principalInvestigator

pointOfContact: (CI_ResponsibleParty)

organisationName: U.S. Geological Survey, Woods Hole Coastal and Marine Science Center

positionName: Curator

contactInfo: (CI_Contact)

phone: (CI_Telephone)

voice: (508)457-2361

address: (CI_Address)

deliveryPoint: 384 Woods Hole Road

city: Woods Hole

administrativeArea: MA

postalCode: 02543
electronicMailAddress: bbuczowski@usgs.gov
role: (CI_RoleCode) custodian
descriptiveKeywords: (MD_Keywords)
keyword: unconsolidated material
type: (MD_KeywordTypeCode) instrument
thesaurusName: (CI_Citation)
title: Index to Marine and Lacustrine Geological Samples
date: (CI_Date)
date: 1977-10-01
dateType: (CI_DateTypeCode) creation
citedResponsibleParty: (CI_ResponsibleParty)
individualName: Carla Moore
organisationName: NGDC Marine Geology and Geophysics Division
contactInfo: (CI_Contact)
address: (CI_Address)
deliveryPoint: NOAA/NGDC E/GC3 325 Broadway
city: Boulder
administrativeArea: CO
postalCode: 80305
country: USA
electronicMailAddress: geology.info@noaa.gov
role: (CI_RoleCode) custodian
citedResponsibleParty: (CI_ResponsibleParty)
organisationName: World Data Service for Geophysics
role: (CI_RoleCode) resourceProvider
citedResponsibleParty: (CI_ResponsibleParty)
organisationName: *inapplicable*
contactInfo: (CI_Contact)
onlineResource: (CI_OnlineResource)
linkage: <http://www.ngdc.noaa.gov/mgg/curator>
name: Index to Marine and Lacustrine Geological Samples
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function: (CI_OnLineFunctionCode) information
role: (CI_RoleCode) publisher
descriptiveKeywords: (MD_Keywords)
keyword: core, piston
type: (MD_KeywordTypeCode) instrument
thesaurusName: (CI_Citation)
title: Index to Marine and Lacustrine Geological Samples
date: (CI_Date)
date: 1977-10-01
dateType: (CI_DateTypeCode) creation
citedResponsibleParty: (CI_ResponsibleParty)
individualName: Carla Moore
organisationName: NGDC Marine Geology and Geophysics Division
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address: (CI_Address)
deliveryPoint: NOAA/NGDC E/GC3 325 Broadway
city: Boulder
administrativeArea: CO
postalCode: 80305
country: USA
electronicMailAddress: geology.info@noaa.gov

role: (CI_RoleCode) custodian
citedResponsibleParty: (CI_ResponsibleParty)
organisationName: World Data Service for Geophysics
role: (CI_RoleCode) resourceProvider
citedResponsibleParty: (CI_ResponsibleParty)
organisationName: *inapplicable*
contactInfo: (CI_Contact)
onlineResource: (CI_OnlineResource)

linkage: <http://www.ngdc.noaa.gov/mgg/curator>

name: Index to Marine and Lacustrine Geological Samples

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function: (CI_OnLineFunctionCode) information

role: (CI_RoleCode) publisher

descriptiveKeywords: (MD_Keywords)

keyword: rise, continental

type: (MD_KeywordTypeCode) place

thesaurusName: (CI_Citation)

title: Index to Marine and Lacustrine Geological Samples

date: (CI_Date)

date: 1977-10-01

dateType: (CI_DateTypeCode) creation

citedResponsibleParty: (CI_ResponsibleParty)

individualName: Carla Moore

organisationName: NGDC Marine Geology and Geophysics Division

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postalCode: 80305

country: USA

electronicMailAddress: geology.info@noaa.gov

role: (CI_RoleCode) custodian

citedResponsibleParty: (CI_ResponsibleParty)

organisationName: World Data Service for Geophysics

role: (CI_RoleCode) resourceProvider

citedResponsibleParty: (CI_ResponsibleParty)

organisationName: *inapplicable*

contactInfo: (CI_Contact)

onlineResource: (CI_OnlineResource)

linkage: <http://www.ngdc.noaa.gov/mgg/curator>

name: Index to Marine and Lacustrine Geological Samples

description: The IMLGS is an international database indexing the geological sample collections of partner institutions, maintained by NGDC and the WDS for Geophysics. A Curators Consortium, composed of Curators from the participating repositories, provides oversight for the IMLGS via biennial meetings, a group website and list server.

function: (CI_OnLineFunctionCode) information

role: (CI_RoleCode) publisher

aggregationInfo: (MD_AggregateInformation)

aggregateDataSetIdentifier: (MD_Identifier)

code:

Anchor: *xlink:* <http://get.rvdata.us/voc/program/ECS> onRequest Extended Continental

Shelf

associationType: (DS_AssociationTypeCode) largerWorkCitation

initiativeType: (DS_InitiativeTypeCode) program
aggregationInfo: (MD_AggregateInformation)
aggregateDataSetIdentifier: (MD_Identifier)
code: HLY1002
associationType: (DS_AssociationTypeCode) largerWorkCitation
initiativeType: (DS_InitiativeTypeCode) operation
language: eng; USA
topicCategory: (MD_TopicCategoryCode) oceans
topicCategory: (MD_TopicCategoryCode) geoscientificInformation
extent: (EX_Extent)
description: Core start and stop extents
geographicElement: (EX_BoundingPolygon)
polygon:
Point: ID3
pos: 71.31747 -143.9997
temporalElement: (EX_TemporalExtent)
extent:
TimeInstant: ID5
timePosition: 2010-08-12
verticalElement: (EX_VerticalExtent)
minimumValue: *inapplicable*
maximumValue:
Real: 2538
verticalCRS: xlink: <http://www.epsg-registry.org/export.htm?gml=urn:ogc:def:crs:EPSG::5715> title: msl depth in meters onRequest
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contentInfo: (MI_CoverageDescription)
attributeDescription: *unknown*
contentType: (MD_CoverageContentTypeCode) physicalMeasurement
dimension: (MD_Band)
sequenceIdentifier:
MemberName:
aName: Total Core Length
attributeType:
TypeName:
aName: real
descriptor: Measured length of the core.
maxValue:
Real: 571
minValue: *inapplicable*
units:
DerivedUnit: ID20
identifier: m*10⁻²
name: centimeter
derivationUnitTerm: cm
dimension: (MD_Band)
sequenceIdentifier:
MemberName:
aName: Core Diameter
attributeType:
TypeName:
aName: real
descriptor: Measured diameter of the core.
maxValue:
Real: 8.65
minValue: *inapplicable*

units:

DerivedUnit: *ID6*
identifier: $m \cdot 10^{-2}$
name: centimeter
derivationUnitTerm: *cm*

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distributionInfo: (MD_Distribution)
distributor: (MD_Distributor)
distributorContact: (CI_ResponsibleParty)
individualName: Brian Buczkowski
organisationName: ECS Samples Repository
positionName: Repository Contact
contactInfo: (CI_Contact)
address: (CI_Address)
electronicMailAddress: bbuczkowski@usgs.gov
role: (CI_RoleCode) custodian
distributorFormat: (MD_Format)
name: Physical sample
version: *inapplicable*
distributorTransferOptions: (MD_DigitalTransferOptions)
onLine: (CI_OnlineResource)
linkage: http://www.ngdc.noaa.gov/mgg/ecs/samples_forms/
name: Samples Request Forms and Resources
description: Forms to request samples and information about ECS samples.
function: (CI_OnLineFunctionCode) order
distributor: (MD_Distributor)
distributorContact: (CI_ResponsibleParty)
individualName: Carla Moore
organisationName: ECS IMS
positionName: Data Contact
contactInfo: (CI_Contact)
address: (CI_Address)
electronicMailAddress: geology.info@noaa.gov
role: (CI_RoleCode) distributor
distributorFormat: (MD_Format)
name: Sample Data and Information
version: *inapplicable*
distributorTransferOptions: (MD_DigitalTransferOptions)
onLine: (CI_OnlineResource)
linkage: <http://www.ngdc.noaa.gov/geosamples/showsample.jsp?imlgs=imlgs0191273>
name: ECS Samples Data and Information
description: ECS sample metadata and derived data and information
function: (CI_OnLineFunctionCode) information

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dataQualityInfo: (DQ_DataQuality)
scope: (DQ_Scope)
level: (MD_ScopeCode) sample
levelDescription: (MD_ScopeDescription)
other: core
lineage: (LI_Lineage)
processStep: (LI_ProcessStep)
description: Refrigerated

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acquisitionInformation: (MI_AcquisitionInformation)

instrument: (MI_Instrument)
 identifier: (MD_Identifier)
 code: *inapplicable*
 type: core, piston
 description: 2400 lb weightstand
operation: (MI_Operation)
 identifier: (MD_Identifier)
 code: HLY1002
 status: (MD_ProgressCode) completed
 parentOperation: *inapplicable*